

GenCore version 5.1.4.p5.4578
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OM nucleic - nucleic search, using sw model

Run on: March 30, 2003, 02:55:22 ; Search time 44.3593 Seconds
(without alignments)
9333.196 Million cell updates/sec

Title: US-09-768-781-1

Perfect score: 1350

Sequence: 1 atggacagagtttatgaat.....caaggcaaaagtgtgtctga 1350

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 1533381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/prodata/1/ina/5A COMB.seq.*
2: /cgn2_6/prodata/1/ina/5B COMB.seq.*
3: /cgn2_6/prodata/1/ina/6A COMB.seq.*
4: /cgn2_6/prodata/1/ina/6B COMB.seq.*
5: /cgn2_6/prodata/1/ina/PCTUS COMB.seq.*
6: /cgn2_6/prodata/1/ina/backfile1.seq.*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	171.4	12.7	1588	3	US-09-058-489-45
2	45.4	3.4	7218	1	US-08-232-463-14
3	36	2.7	2700	3	US-08-815-809-4
4	35.2	2.6	10962	2	US-08-816-155B-6
5	35.2	2.6	10962	3	US-09-079-587-6
6	35.2	2.6	19877	2	US-08-816-155B-8
7	35.2	2.6	19877	3	US-09-079-587-8
8	34.6	2.6	1466	2	US-08-538-960-1
9	34.6	2.6	1466	2	US-08-538-960-14
10	34.6	2.6	1466	4	US-08-559-254-1
11	34.6	2.6	1466	4	US-08-559-254-14
12	34.4	2.5	5267	3	US-09-134-001C-1767
13	33.8	2.5	777	4	US-08-881-094-15
14	33.6	2.5	677	1	US-07-855-412B-2
15	33.6	2.5	951	2	US-08-308-887A-2
16	33.6	2.5	951	2	US-08-881-094-2
17	33.6	2.5	951	3	US-08-881-094-2
18	33.6	2.5	3471	2	US-08-715-568A-2
19	33.6	2.5	246240	2	US-08-724-394A-20
20	33.6	2.5	246240	2	US-08-724-394A-21
21	33.6	2.5	246240	2	US-08-724-394A-22
22	33.4	2.5	1503	4	US-09-463-702A-33
23	33.4	2.5	3627	4	US-09-792-594-3
24	33.4	2.5	3850	4	US-09-463-702A-1
25	33.4	2.5	6000	3	US-09-006-636-9
26	33.4	2.5	6000	4	US-09-006-632-9
27	33.4	2.5	6000	4	US-09-325-274-9

28	33.2	2.5	17410	1	US-07-841-646-3	Sequence 3, Appli
29	33.2	2.5	17410	1	US-08-147-023-3	Sequence 3, Appli
30	33.2	2.5	17410	1	US-08-447-570-3	Sequence 3, Appli
31	33.2	2.5	17410	2	US-08-449-700-3	Sequence 3, Appli
32	33.2	2.5	17410	2	US-08-449-699A-3	Sequence 3, Appli
33	33	2.4	5173	4	US-08-801-308-2	Sequence 2, Appli
34	33	2.4	29604	3	US-08-781-891-207	Sequence 207, Appl
35	32.8	2.4	2277	1	US-08-676-967-5	Sequence 5, Appli
36	32.8	2.4	2277	1	US-08-676-974-5	Sequence 5, Appli
37	32.8	2.4	2277	2	US-09-098-487-5	Sequence 5, Appli
38	32.8	2.4	2391	4	US-08-737-109-32	Sequence 32, Appli
39	32.8	2.4	6765	2	US-08-677-010-2	Sequence 2, Appli
40	32.8	2.4	6765	2	US-08-790-519-2	Sequence 2, Appli
41	32.6	2.4	960	4	US-08-936-165A-46	Sequence 46, Appli
42	32.4	2.4	722	4	US-08-659-254-15	Sequence 15, Appli
43	32.4	2.4	1090	4	US-09-289-349-7	Sequence 7, Appli
44	32.4	2.4	1618	1	US-08-410-540-1	Sequence 1, Appli
45	32.4	2.4	1641	4	US-08-659-254-19	Sequence 19, Appli

ALIGNMENTS

RESULT 1
US-09-058-489-45
; Sequence 45, Application US/09058489
; Patent No. 6103886
; GENERAL INFORMATION:
; APPLICANT: Whitehead Institute for Biomedical Research
; APPLICANT: Lahn, Bruce
; APPLICANT: Page, David
; TITLE OF INVENTION: Genes in the No. 6103886-Recombining Region of
; FILE REFERENCE: WH197-08PA
; CURRENT APPLICATION NUMBER: US/09/058,489
; CURRENT FILING DATE: 1998-04-10
; EARLIER APPLICATION NUMBER: 60/041,877
; EARLIER FILING DATE: 1997-04-11
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 1588
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (664)...(1051)
US-09-058-489-45

Query Match 12.7%; Score 171.4; DB 3; Length 1588;
Best Local Similarity 58.8%; Pred. No. 1.5e-46;
Matches 370; Conservative 0; Mismatches 251; Indels 8; Gaps 4;

QY	601	AGAGTTGTCATGTTATTTTCCTGGTATCTGTCACTATGGGGCCACCCTTTGCAAT	660
DB	677	ATAGCATGCTGATGACATATTCCTCTTATCAGTTGTGTA-GGTGCCATTCACCTGCAAT	735
QY	661	ATGTTGGCTATCCAGATCAAGTAGAGTACAAAGATTCCCTTGGGCCACTAGAGTC	720
DB	736	ATACTGGCCATCCGACTGCGCAACGACTTTGTGGCCATTAGCTACAGGTATATAATTTG	795
QY	721	CTCTGCATCACCATCTGGCGGACATTTGGAGATCACTTCCCGCCCTTCCTGATTTCTGTGTC	780
DB	796	ATCTATCTCATGATATGCGCATTCGTTGGTGATATCTCACCCTAGTAGTACTCTGGCATTC	855
QY	781	TTCTAGCCACTTTTGAATAATGAAGGTGTCCTTCCTAGTGTCAACTTCCCTGATCATC	840
DB	856	TTCCCTGTCATCTCTGAACACAGGGGAGCTTACACTTTCTATTATCATATATTTTGTATTA	915
QY	841	CTCTTTGAGCCCTTGGATTAAGTTCTCGAGAGTGGTGGCCAGATGCCCAATAACATTGAG	900
DB	916	TTGTTGACACCATGCTGGAGTTTTCGAAAAGTGGAACTCATCTTCTTAGCAACA--CAA	973

Qy 901 AAAAATTTCAGCCGGTGGGCACTCTGGTGGTCTGATTTTCAGTCCATCTCTATGCT 960
Db 974 AAATAATTCAGCATGGTGGTAAAGTATGGATGCTTATCTTATCATGCTAGTATGCT 1033
Qy 961 GGCAATCAACTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020
Db 1034 CCATCAAA-TTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1088
Qy 1021 GACAAAGGCGAGACTGGGACATATGGCCCTGCACTATAGTGTGAGGTGGTAGAGAT 1080
Db 1089 GATAAGACAGCAGGAGGAGGACATCAATCTTACACTACAGATTTTCAGTTTTCAGAAAT 1148
Qy 1081 GTGATCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1140
Db 1149 GTGATCAATATGATATTTAGTTTCTTGGAGGAGGAGGAGGAGGAGGAGGAGG 1208
Qy 1141 TCCTTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1200
Db 1209 TCAATAATTTGCGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1268
Qy 1201 TTCTCCAGTACTTGCATCCATGGCTC 1229
Db 1269 TTCTGTCAGTATTTGCAACCAAGGTGGTC 1297

RESULT 2
US-08-232-463-14

; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: FALKNER, F. G.
; APPLICANT: SCHEIFLINGER, F.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZ9pt-F18
US-08-232-463-14

Query Match 3.4%; Score 45.4; DB 1; Length 7218;
Best Local Similarity 5.8%; Pred. No. 0.00042;
Matches 13; Conservative 132; Mismatches 78; Indels 0; Gaps 0;
Qy 1066 AGTTGGTAGAGAATGTGATCATGCTTGTGTTTAAAGTTCTTTGGAGTGAAGTGTTA 1125
Db 1047 AGGTGAGGAGCTTGCATYVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV 1106
Qy 1126 CTGAATTAATGCTCATCTGATTCCTTGCCTTGCAGCTCATTTATGCTTATGATTTCCAT 1185
Db 1107 YVV 1166
Qy 1186 GACTTCATGCTCTTCTTCTCCAGTACTTGATCCATTCGCTGCTCCTCTTACCCATAAT 1245
Db 1187 YVV 1226
Qy 1246 GTAGTAGACTACCTCATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1288
Db 1227 YVV 1269

RESULT 3

US-08-815-809-4
; Sequence 4, Application US/08815809
; Patent No. 6004777
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, James
; APPLICANT: GOEBEL, Scott J.
; APPLICANT: COX, William I.
; APPLICANT: GETTIG, Russell R.
; APPLICANT: PINCUS, Steven E.
; APPLICANT: PAOLETTI, Enzo
; APPLICANT: JACOBS, Bertram L.
; TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
; FILE REFERENCE: 454310-3010
; CURRENT APPLICATION NUMBER: US/08/815,809
; CURRENT FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 2700
; TYPE: DNA
; ORGANISM: Vaccinia virus
US-08-815-809-4

Query Match 2.7%; Score 36; DB 3; Length 2700;
Best Local Similarity 50.6%; Pred. No. 0.28;
Matches 87; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

Qy 317 TCTTGGACCTGTTATCAGATGTTTGGAGGCCATGATTAAGTACCTCACACTGTGGAAGA 376
Db 1743 TCATGAAATTTCTGTTACTGATACAAAGCAGCTGTAGATCTTTCTCACTTTTAAAGA 1802
Qy 377 AAGAGGACGAGGAGGCCCTATGTGACCTCACCGAAGAGATGCTAATAGATGGCG 436
Db 1803 AAAGGAGGTTTGAAGGGCTAAATTCATTCTCAAGAGACAGATATTTCTATGTTTCG 1862
Qy 437 AGGAGGTGCTGATAGATGGGAGGTGGGCCACTCCATCCGAGCCCTGGCTAT 488
Db 1863 TCGACATCTAGAAAGAGTGAAAAATTTCTTTTCTCCAAATCTTCCCGAT 1914

RESULT 4

US-08-816-155B-6
; Sequence 6, Application US/08816155B
; Patent No. 599091
; GENERAL INFORMATION:
; APPLICANT: TARTAGLIA, JAMES
; APPLICANT: COX, WILLIAM I.
; APPLICANT: GETTIG, RUSSELL R.
; APPLICANT: MARTINEZ, HECTOR

Query Match	2.6%;	Score 34.6;	DB 2;	Length 1466;	
Best Local Similarity	54.3%;	Pred. No. 0.53;			
Matches	70;	Conservative 0;	Mismatches 59;	Indels 0;	Gaps 0;

Qy	345	GGCCATGATTAACTACCTCACACTGTGGAAGAAAGAGGAGGAGGAGCCCTATGTCAG	404
Db	330	GGGCATACCTCAACCAACAGGAAGGCTGGAAAGAAAGAAAGCCAGCAGGAGAACGGGGACGA	389
Qy	405	CCTCACCCGAAGAAGATGCTTAATAGATGGCGAGGAGGTGCTGTATAGAAATGGGAGGTGGG	464
Db	390	AGTCTAAGTAAGATGGTGCCAGATGTGGGCAAGGTGTTCCGTGGAGGTGTTGGTAGA	449
Qy	465	CCACTCCAT	473
Db	450	CCAGCCCAT	458

RESULT 9

US-08-538-960-14

Sequence 14, Application US/08538960

Patent No. 5872230

GENERAL INFORMATION:

APPLICANT: Stocco, Douglas M.

APPLICANT: Clark, Barbara J.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR

TITLE OF INVENTION: REGULATION OF STEROIDOGENESIS

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld, L.L.P.

STREET: 1900 Frost Bank Plaza, 816 Congress Avenue

CITY: Austin

STATE: TX

COUNTRY: U.S.A.

ZIP: 78701

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/538,960

FILING DATE: Concurrently Herewith

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.

REGISTRATION NUMBER: 33,732

REFERENCE/DOCKET NUMBER: 43375.0002/DLM

TELECOMMUNICATION INFORMATION:

TELEPHONE: 512/499-6200

TELEFAX: 512/499-6290

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 1466 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "RNA"

US-08-538-960-14

Query Match	2.6%;	Score 34.6;	DB 2;	Length 1466;	
Best Local Similarity	47.3%;	Pred. No. 0.53;			
Matches	61;	Conservative 9;	Mismatches 59;	Indels 0;	Gaps 0;

Qy	345	GGCCATGATTAACTACCTCACACTGTGGAAGAAAGAGGAGGAGGAGCCCTATGTCAG	404
Db	330	GGGCAUACUCACCAACCAAGGAGGCTGGAAAGAAAGAAAGCCAGCAGGAGAACGGGGACGA	389
Qy	405	CCTCACCCGAAGAAGATGCTTAATAGATGGCGAGGAGGTGCTGTATAGAAATGGGAGGTGGG	464
Db	390	AGUGCUAAGUAAGUGGCCAGAUUGGGCAAGGUGUUUCGTCUUGGAGGUGUGGUAGA	449
Qy	465	CCACTCCAT	473

APPLICANT: Clark, Dr. Barbara J.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATION
OF STEROIDOGENESIS
TITLE OF INVENTION: OF STEROIDOGENESIS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld, L.L.P.
STREET: 1900 Frost Bank Plaza, 316 Congress Avenue
CITY: Austin
STATE: TX
COUNTRY: U.S.A.

COMPUTER READABLE FORM;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,254
FILING DATE: 07-JUN-1996

CLASSIFICATION: 330
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/538,960
FILING DATE: 04-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCES/DOCKET NUMBER: 43375.0006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/499-6200
TELEFAX: 512/499-6290

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/ SEQUENCE: 5147437-5147437
/ INFORMATION FOR SEQ ID NO: 14:
/     SEQUENCE CHARACTERISTICS:
/         LENGTH: 1466 base pairs
/         TYPE: nucleic acid
/         STRANDEDNESS: single
/         TOPOLOGY: linear
/     MOLECULE TYPE: other nucleic
/         DESCRIPTION: /desc = "RNA"
US-08-659-254-14

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Query Match      2.6%; Score 34.6; DB 4; Length 1466;
Best Local Similarity 47.3%; Pred. NO. 0.53;
Matches 61; Conservative 9; Mismatches 59; Indels 0
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[illegible]

Qy 465 CCACTCCAT 473
Db 450 CCAGCCCAU 458

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RESULT 12
US 08-976-255-2
: Sequence 2, Application US/08976255
: Patent No. 6136581
: GENERAL INFORMATION:
: APPLICANT: Jono, Keith E.
: APPLICANT: Plowman, Gregory
: TITLE OF INVENTION:
: SEQUENCE OF NUCLEOTIDES AND USES

```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

```

: ZIP: 90071-2066
:
: COMPUTER READABLE FORM:
:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
:
: MEDIUM TYPE: Storage
:
: COMPUTER: IBM Compatible
:
: OPERATING SYSTEM: IBM P.C. DOS 5.0
:
: SOFTWARE: FastSeq for Windows 2.0
:
: CURRENT APPLICATION DATA:
:
: APPLICATION NUMBER: US/08/976,255
:
: FILING DATE: No. 6136581ember 21, 1997
:
: CLASSIFICATION: 435
:

```

PRIOR APPLICATION DATA: 60/031,675
 APPLICATION NUMBER: 6135581
 FILING DATE: September 22, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 229/182
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 955-1800
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5267 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-976-255-2

	Query Match	2.5%;	Score 34.4;	DB 3;	Length 3267;
	Best Local Similarity	52.9%;	Pred. No. 1.5;	Indels 66;	Gaps 0;
	Matches 74;	Conservative			
Qy	715	GAAGTCTCTGCAATCACCATCTCTGGCGGACATTGGAGATCACTTCCCGCTCTCTGATCTTG	774		
Db	1	GAATTCGCCAGCTTGGCTTTCAGCTTCGACCTTCAGCCCCGAGCGGCCCGCTCAGCGAG	60		
Qy	775	GTGTCCTTCTCAGCCACTTTGAAATTTGAAGGCTGTGCCCTTCTAGTGCTCAACTTTCCTTG	834		
Db	61	CTGTCTCTGGGCATCTCCCTTCGCGGTGTGGCTGTCTTTCTCCGGGCTCTTCGCGCTC	120		

0.

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RESULT 13
US-09-134-001C-1767
; Sequence 1767, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGN
; FILE REFERENCE: GPC-007
; CURRENT APPLICATION NUMBER: US/09/134,001C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 1767
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-1767

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Query Match 2.5%; Score 33.8; DB 4; Length 777;
Best Local Similarity 49.7%; Pred. No. 0.62;
Matches 86; Conservative 0; Mismatches 87; Indels

0.

	Query Match	2.58;	Score 33.6;	DB 1;	Length 951;
	Best Local Similarity	55.0%;	Pred. No. 0.83;	54;	Indels 0; Gaps 0;
	Matches 66;	Conservative	0;	Mismatches	0;
Qy	1084	ATCATGGCTCTGGTTTTAACTCTTTGGAGTGAAGTGTACTGAATATCTGCATTCC	1143		
Db	497	ATCATCTCCTTTGTTGTATATCTGGATGGAATCTCTTTTTCAACTATTTTCTCTTT	438		
Qy	1144	TTGATTGCCTTGCAGCTCATTTATCTGATTTCCATTTGACTTCATGCTCCTTTTC	1203		
Db	437	TTCATATCTCTCTCCCATCACTCAACTTTAGTTTTCTTTGTGCATCATCATCTCTTC	378		

1150
Qy 1091 TCCTGGTTTTTAAGTCTCTTTGGAGTGAAAGTGTTACTGAATTACTGCTCATCTCTTGATTG 11550
Db 170 TCCTTGTGTGTATCTCTGGGATGGAGTCTCTGTGTCAATATATTTTTTCCTCTTCACT 111
Qy 1151 CCTTGCAGCTCATTTATGCTTATCTGATTTCCATTGACTTCATGCTCCTTTT 1202
Db 110 CCTTCTCTTCATCTTTTCAACTTGTGTTTTTTCTTGGCACAATCACTCCTTTGT 59

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RESULT 15
US-07-855-412B-2/c
; Sequence 2, Application US/07855412B
; Patent No. 5378819
; GENERAL INFORMATION:
; APPLICANT: RYAN, C. A.; McGurl, B. F.; Pearce, G. L.
; TITLE OF INVENTION: "SYSTEMIN"
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harness, Dickey & Pierce
; STREET: P.O. Box 828
; CITY: Troy
; STATE: Michigan
; COUNTRY: USA
; ZIP: 48303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage

```

RESULT 15
US-07-855-412B-2/c
; Sequence 2, Application US/07855412B
; Patent No. 5378819
; GENERAL INFORMATION:
; APPLICANT: Rvan, C.A.; MCGuill, B.F.; Pearce, G.L.

/ CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Harness, Dickey & Pierce
 / STREET: P.O. Box 829
 / CITY: Troy
 / STATE: Michigan
 / COUNTRY: USA
 / ZIP: 48303
 /

ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage